## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6735	((118/715,733) or (156/345.33,345. 34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/24 09:02
L2	. 60	L1 and ((showerhead or (shower head) or (gas (despen\$4 or disper\$4 or diffus\$4 or distribut\$4) (plate or means))) same (bolt or screw of fasten\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/24 09:02
L3	6735	((118/715,733) or (156/345.33,345. 34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/24 09:02
L4	14	((showerhead or (shower head) or (gas (despen\$4 or disper\$4 or diffus\$4 or distribut\$4) (plate or means))) same ((lateral\$2 or horizontal) with (bolt or screw of fasten\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/24 09:02
L5	52	((showerhead or (shower head) or (gas (despen\$4 or disper\$4 or diffus\$4 or distribut\$4) (plate or means))) same ((lateral\$2 or horizontal) same (bolt or screw of fasten\$3))) not L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/24 09:02
L6	37	((showerhead or (shower head) or (gas (despen\$4 or disper\$4 or diffus\$4 or distribut\$4) (plate or means))) and ((lateral\$2 or horizontal) with (bolt or screw of fasten\$3))) not (L4 or L5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/24 09:02
L7	2	((showerhead or (shower head) or (gas (despen\$4 or disper\$4 or diffus\$4 or distribut\$4) (plate or means))) and ((lateral\$2 or horizontal) and (bolt or screw or fasten\$3))) and (C23C016\$ or H01L021\$).ipc.	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/24 09:02
L8	207	((showerhead or (shower head) or (gas (despen\$4 or disper\$4 or diffus\$4 or distribut\$4) (plate or means))) and ((lateral\$2 or horizontal) with (bolt or screw or fasten\$3))) not (L4 or L5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/24 09:02

## **EAST Search History**

L9	170	L8 not (L4 or L5 or L6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/24 09:02
L10	205	((showerhead or (shower head) or (gas (despen\$4 or disper\$4 or diffus\$4 or distribut\$4) (plate or means))) same ((lateral\$2 or horizontal) same (bolt or screw or fasten\$3))) not L9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/24 09:02
L11	67	((showerhead or (shower head) or (gas (despen\$4 or disper\$4 or diffus\$4 or distribut\$4) (plate or means))) same ((lateral\$2 or horizontal) with (bolt or screw or fasten\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/24 09:02
L12	1094	L3 and (bolt or screw or fasten\$3) not (L4 or L5 or L6 or L10 or L11)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/24 09:02
L13	928	L12 and (@rlad<="20030904" or @ad<="20030904")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/24 09:02
L14	39	(L2 or L4 or L5 or L6 or L7 or L8 or L10 or L11 or L13) and (@rlad<="20030904" or @ad<="20030904") and (@pd>="20060402")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/01/24 09:03